



## Defence Capability Overview

2009

### History

- eB2Bcom was established in 1996 to distribute software products from innovative international suppliers who are not directly represented in Australasia and SE Asia. We are the distributor/reseller in the area for a number of software developers that specialize in Defence, Police and Intelligence requirements with a track record delivering projects in the United States, United Kingdom, NATO and other countries.
- Our expertise and products are for Identity Management, Access Management, Identity Federation, Directories & Meta Directories, PKI, Military and Secure messaging, Trusted Solutions for the Defence, Intel & Police sectors.
- We are an established supplier to the Australian, New Zealand and Singapore Defence Forces and have current negotiations with a number of SE Asian Defence Forces and Government Homeland Security Agencies.
- We have supplied the Desktop Security and Secure Messaging solution for the Fiji Department of Home Affairs to meet their Homeland Security requirements
- We are suppliers of solutions to a number of Australian & New Zealand Intelligence Agencies
- We are also members of the Australian Defence Information and Electronic Systems Association (ADIESA).

### eB2Bcom's Business

- Sales, implementation and support of best-of-breed products from leading global suppliers of Metadirectory, Identity Management, Secure Messaging, and IT Security
- Configuration, Integration, and Interworking of products from multiple suppliers into cohesive solutions;
- System design and architecture consulting;
- Help Desk, support and continuing maintenance of the products;
- A "one-stop-shop" to minimise sourcing negotiations

### Defence Technologies

#### Military Messaging

<i>TREX2003</i>	For standard Microsoft Exchange 2000/3 server that adds military messaging functions such as "fire & forget" profiling, message tracking, precedence etc
<i>Deep Secure</i>	EAL4 evaluated messaging policy and security gateway
<i>Directory Bastion</i>	ACP 133 Directory Guard which allows X.500 Directory data to be synchronized between two X.500 Directory System Agents (DSAs) on two otherwise disjoint networks, whilst maintaining an assured separation between the two networks it interconnects
<i>ACP 145 Gateway</i>	Converts national military protocols to ACP 145 standard including ACP 120US and STANAG 4406

#### Formal Messaging (SMTP messaging with Signing, Encryption & Security Classification Labeling)

<i>SecureAge</i>	Adds Security compliance and protective Marking to MSOutlook XP email For MSOutlook XP, Lotus Notes, Outlook Web Access & Lotus Notes WebMail as well as provides Encryption and Digital signatures (deployed into Singapore Defence)
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#### Identity Provisioning

<i>Radiant Logic Integration and co-realization Engine</i>	J2EE Virtual proxy and Data Integration engine as deployed in the US DoD JEDS and GDS programs
<i>View500 Directory Server</i>	Provides 24x7 Directory services for ACP133, Defence White Pages and Tactical deployments
<i>View500 Universal Discovery Server</i>	Provides XML based Meta Data search and retrieval
<i>Ping Identity Federation Server (MFS)</i>	Allows SAML Based federation of user application access between networks
<i>View500 Data Synchronisation Agent</i>	Allows bi-directional synchronisation of data between LDAP Directories and View500 eg AD, Lotus Notes and coalition Directory Servers

<i>Omada Identity Management</i>	Provides central identity store, SOX compliant reporting, workflow, provisioning and user self service
<i>Radiant Logic Virtual Directory (VDS)</i>	Provides a Proxy and Virtual real time of identity data for Web services and SOAP
<i>Centrify Direct Control</i>	Centrify Direct Control provides the ability to integrate non Windows platforms such as Solaris, Linux, AIX, HP-UX etc into a Microsoft AD domain such that there is only one user name and password required to log on to all platforms and applications. It is the world market leader in this space supporting more than 140 different operating environments and applications..

#### Evaluated Products

<i>CS Bastion II (EAL4)</i>	Allows the controlled and accountable flow of traffic between networks of differing security levels or policies, in environments that would otherwise preclude the direct connection of such networks. Bastion II is available for SMTP-SMTP, X.400-SMTP, SMTPO-X400, X400-P7 only, SNMP-SNMP, and other capabilities.
<i>CS Directory Bastion (EAL4)</i>	Allows X.500 Directory data to be synchronized between two X.500 Directory System Agents (DSAs) on two otherwise disjoint networks, whilst maintaining an assured separation between the two networks it interconnects.
<i>CS Deep Secure (EAL4)</i>	A trusted and evaluated EAL4 messaging policy and security gateway.

#### C21 Products

<i>1-Voice CIM</i>	1-Voice CIM provides 35 modules which make up a solution designed as a Crisis Information Management Tool. CIM is market leading, web-based software for risk and vulnerability analyses, contingency planning, training, handling and evaluation of incidents that may develop into a crisis.
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#### eSecurity

<i>NCP Secure Communications VPN Client</i>	Provides an IPSEC VPN client solution for mobile teleworkers for Windows operating systems and Linux clients
<i>NCP Mobile Secure Communications Client for Windows Mobility Devices</i>	Provides an IPSEC VPN client solution for mobile teleworkers for Windows Pocket PC 2002 and 2003 PDA and Smart Phone operating systems
<i>NCP Secure Communication VPN Server</i>	Supporting any combination of PKI digital certificates and NCP Mobile and NCP Windows Mobile devices.
<i>NCP PKI Registration Authority</i>	Provides a means to interact with a PKI Certification Authority such as Entrust or Baltimore or Verisign and then to publish the certificates to a LDAP enabled Directory such as View500.
<i>Clearswift SNMP Bastion</i>	Evaluated to EAL4(UK) for linking together IP networks of different trust levels
<i>Certgate</i>	Certgate is an EAL5 evaluated Chip Card in a Micro SD and SD format for Mobile Phones and PDAs and wireless devices providing PKI key based generation and secure authentication for Mobile Applications

#### Trusted Gateways & Secure Information

TCS SecureOffice	Allows users to retrieve, process, and disseminate information across networks operating at different security classifications.
TCS MLS Web Server	Allows organisations to maintain a common data set on a single web server that connects to multiple security domains/networks.
TCS Webguard	A "high-to-low" guard that provides a secure one-way transfer of data from one security domain to another lower classified domain.
TCS Trusted Gateway Systems (TGS)	Provides a secure one-way transfer of data from one network to another higher classified network.
CS Bastion II	Allows the controlled and accountable flow of messaging traffic between networks of differing security levels or policies, in environments that would otherwise preclude the direct connection of such networks.
CS Deep Secure	EAL4 evaluated messaging policy and security gateway fully supporting PKI

## Engagement Model

- eB2Bcom's approach for major projects is to work as a sub-contractor to systems integrators, prime contractors, and project managers, complementing their offerings with specialist products, implementation expertise & support services;
- eB2Bcom involves the product suppliers' resources and expertise where applicable and required. All of our customers therefore have access to the best global expertise in military messaging, directory and security systems
- We also supply directly where there is no requirement for a systems integrator or prime contractors, or where there are security sensitivities

## Experience

eB2Bcom is an established supplier of products, expertise, and support services to military, intelligence and other sensitive agencies. Our customers include:

- **Australian Defence Force** – the supply and implementation of a major directory synchronization project for the JP138 project with partner Aspect. Involved synchronizing a central electronic directory with MS Exchange GAL, Lotus Notes, HR databases and telephone lists;
- **Australian Defence Force** – CMDC – the supply of an Enterprise wide agreement to the SDF for the supply of an ACP133 Edition C and LDAPv3 compliant Directory solution for use across all Defence programs.
- **NZ Defence Force** – consulting project to develop the high level architecture and requirements for the NZDF electronic directory system;
- **Australian Defence Force** – e-Defence Project - the supply of central directory software and expertise via CSC;
- **Australian Defence Force** – e-Defence Project - the supply of secure messaging gateways via CSC;
- **Australian Defence Force** – JWID 2002, JWID 2003, JWID 2004, CWID 2005
- **NATO** – CWID 2005, CWID 2006
- **NATO NC3A** – Deep Secure with View500 deployed. Also View500 deployed in the NC3A Labs in The Hague
- **FIJI Homeland Affairs** – Homeland Security project providing Smart Card based and biometric access control with secure PKI based messaging and encryption on the desktop and PDAs
- **ACT Government** – provision of software and support to government agencies of technology to encrypt hard disks to prevent access to sensitive data in case of loss or theft under whole of government contract.
- **Queensland Government** – provision and implementation support of X.500/LDAP directory systems for the Government's central directory service and call centre;
- **Commonwealth Government OnLine (AGIMO)** – Whole of Government Directory Services
- **Victorian, ACT, Tasmanian Government** – Provision of Government OnLine Directory Services in support of eGovt
- **Intelligence Agency** – provision of electronic directory, military messaging clients, content scanning technologies and services to an agency in Australia;
- **Intelligence Agency** – provision of military messaging clients to an agency in New Zealand
- **Intelligence Agency** – supply of XML Based Directory technology
- **Secure email** – supply of S/MIME V3 ESS technology to Australian Government agencies
- **Singapore Defence** – Military Messaging Pilot and consultancy
- **Singapore Defence** – the supply and implementation of a Meta Data directory provisioning solution linking identity data for 85000 personnel to an Sun-One Enterprise Directory solution
- **Singapore Defence**– the supply of an Enterprise Knowledge Management Directory solution including XML data and full component match search
- **Singapore Defence** – Supply of a PDA (windows Pocket PC 2003 and Windows Mobile 5 security solution) including EAL5 evaluated JAVA Cards
- **Singapore Defence** – Supply of a Pilot and Proof of Concept for a Identity Management solution
- **Singapore Ministry of Home Affairs (MHA)** – Supply of a classified security solution for their Homeland Security network SGEMS2
- **Singapore MHA** – Supply of Certgate EAL5 evaluated smart card solution for deployment with PDAs and Mobile phones for authentication and access control to classified applications
- **Singapore Police Force** – Supply of a HR Data Hub and Identity Management solution for all Police Officers and National Service personnel

## Suppliers

Supplier	Country	Technology
BoldonJames	UK	Military Messaging clients and ACP145 gateways
Centrify	USA	Single Sign on for Non windows operating systems and applications
Certgate	Germany	SD Micro and SD Smart Card for Secure Authentication on Wireless.
Clearswift	UK	Content scanning secure messaging gateways
CommPower	USA	TREX2003 for MS Exchange, CP-XP for DMS and ACP 145 Gateway
Cryptomathic	Denmark	PKI toolkits and mobile security systems
eB2Bcom	Australia	View500 – Defence Grade ACP 133 & ACP 145 Directory Server

Omada	Denmark	Microsoft Based Provisioning, RBAC and User self service
One Voice	Norway	Crisis Information Management
Ping Identity	US	SAML & WS based Identity Federation
Radiant Logic	US	Defence Grade Identity Management Tools
SecureAge	Singapore	Provide seamless application and data security solutions
Trusted Computer Systems	USA	High Assurance classified network separation

### Partners

We are independent of, but work with closely with and for:

- Systems Integrators. Prime Contractors, and Consultants;
- Resellers both casual and contracted;
- Telcos and ISPs;
- Technology vendors.

### Locations

eB2Bcom Head office is in Melbourne, Victoria with sales and support staff located in offices in Melbourne, Canberra, Brisbane, and Sydney. eB2Bcom (Asia Pacific) Pte is headquartered in Singapore with offices in Singapore & Kuala Lumpur. We work with partners in Brunei, Fiji, Malaysia, Hong Kong and Thailand.

### Endorsed Supplier

eB2Bcom is an Australian Defence Recognised Supplier, a Singapore Defence recognized supplier and an Endorsed Supplier to the Australian Commonwealth Government.

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